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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	China	REPORT	
SUBJECT	Production of Fire-Tube Igniters, Nanning	DATE DISTR.	29 June 1953
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.

1. Attached is a diagram of a fire-tube igniter which was being manufactured by the Chinese Communists in Nanning, Kwangsi. The igniter is described to be an essential part of an internal combustion engine and a suitable replacement for the spark plug in an induction igniter. It could be installed on internal combustion cylinders in any gasoline, diesel, or wood burning engine.

1. Comment. this igniter will also be used to replace induction igniters which are in short supply.

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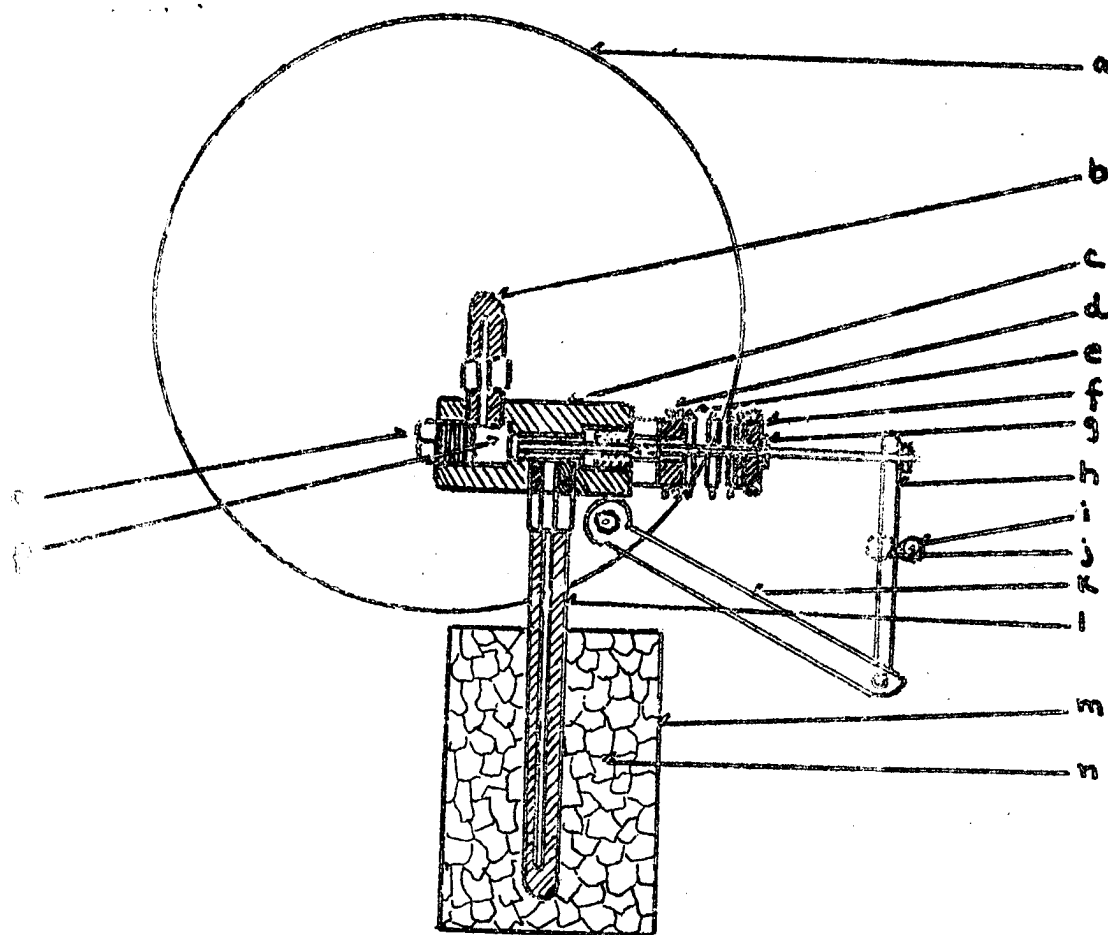
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Diagram of Fire-tube Igniter

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Key

- | | |
|---|--------------------|
| a. Cylinder cover | i. Eccentric cam |
| b. Screw joint leading into cylinder tube | j. Sheave |
| c. Valve chest | k. Crank arm |
| d. Spring seat | l. Fire tube |
| e. Spring | m. Charcoal burner |
| f. Spring coil | n. Charcoal |
| g. Spring pin | o. Screw |
| h. Rocker arm | p. Valve |

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